

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460



OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

November 18, 2014

Cheryl Wagner  
Agent for Rotam Agrochemical Co. Ltd.  
c/o Wagner Regulatory Associates, Inc.  
P.O. Box 640  
Hockessin, DE 19707

Subject: Label Notification per PRN 98-10 – Addition of New York State Specific  
Restriction Statement & Update Manufacturer and Distributer Addresses  
Product Name: TOLEDO 45WP AGRICULTURAL FUNGICIDE  
EPA Registration Number: 83100-13  
Application Date: 10/21/2014  
Decision Number: 496830

Dear Ms. Wagner:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, you may contact Maryam K. Muhammad at 703-347-0301 or via email at [Muhammad.maryam@epa.gov](mailto:Muhammad.maryam@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to be "HJ" or similar, enclosed in a circular flourish.

Hope Johnson, Product Manager 21  
Fungicide Branch  
Registration Division (7505P)  
Office of Pesticide Programs

# Toledo® 45WP Agricultural Fungicide

## ACTIVE INGREDIENT

Tebuconazole*	45.0%
Other Ingredients	55.0%
<b>Total</b>	<b>100.0%</b>

\*alpha-[2-(4-chlorophenyl)ethyl]-alpha-(1,1-dimethylethyl)-H-1,2,4-triazole-1-ethanol  
(CASRN: 107534-96-3)

## NOTIFICATION

83100-13

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

11/18/2014

EPA Reg. No. 83100-13

EPA Est. No.: 069821-CHN-005

## KEEP OUT OF REACH OF CHILDREN CAUTION / PRECAUCION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See additional Precautionary Statements and Directions for Use inside booklet.

FIRST AID	
<b>If In Eyes</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>
<b>If Inhaled</b>	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li><li>• Call poison control center or doctor for treatment advice.</li></ul>
<b>If Swallowed</b>	<ul style="list-style-type: none"><li>• Call poison control center or doctor for treatment advice.</li><li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
<b>If On Skin Or Clothing</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>
<b>Note to Physician</b>	
The compound does not cause any definite symptoms that would be diagnostic. No specific antidote. Treat symptomatically.	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. For Medical Emergency Treatment Call your Local Emergency Response Center.	

Manufactured For:  
Rotam Agrochemical Co., LTD  
26/F, E-Trade Plaza  
24 Lee Chung Street  
Chai Wan, Hong Kong

Distributed by:  
Rotam North America, Inc.  
4900 Koger Blvd.  
Suite # 140  
Greensboro, NC 27407  
1-866-927-6826

Net Contents: [ lbs ]

# Table of Contents (to be added)

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if inhaled or if swallowed. Causes moderate eye irritation. Avoid breathing dust or spray mist. Avoid contact with eyes or clothing.

**Personal Protective Equipment (PPE):** Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category A on an EPA Chemical Resistant Category Selection Chart.

**Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

Follow manufacturer's instructions for cleaning/ maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

**Engineering Controls Statements:** When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

### User Safety Recommendations

**Users should:**

- Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

## ENVIRONMENTAL HAZARDS

This pesticide is toxic to mammals, fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment wash water or rinsate.

**Ground Water Advisory:** Tebuconazole is known to leach through soil into ground under certain conditions as a result of label use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground-water contamination.

**Surface Water Advisory:** This product may contaminate water through drift of spray in wind. This product has a high potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to runoff that contains this product. A level, well maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential for contamination of water from rainfall-runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted within 48 hours.

## **DIRECTIONS FOR USE**

**It is a violation of federal law to use this product in a manner inconsistent with its labeling.**

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### **AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), restricted-entry interval and notification to workers. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI). The REI for each crop is listed in the Application directions associated with each crop.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

**Pesticide Storage:** Store in a tightly closed container in a cool, dry secure place.

**Pesticide Disposal:** Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

**Container Disposal (Nonrefillable container 5 gallons or less):** Do not reuse this container to hold materials other than pesticides or dilute pesticides (rinsate). After emptying and cleaning, it may be allowable to temporarily hold rinsate or other pesticide-related materials in the container. Contact your state regulatory agency to determine allowable practices in your state. Offer for recycling, if available.

**Residue Removal:** Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container  $\frac{1}{4}$  full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

**FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident, call CHEMTREC at 1-800-424-9300.**

## CHEMIGATION

**Do not apply this product through any type of irrigation system.**

### Spray Volume

TOLEDO 45WP AGRICULTURAL FUNGICIDE may be applied in 50 gallons or more of spray solution per acre by ground spray equipment or in 15 gallons or more per acre by aircraft equipment except as noted under "REMARKS" for each crop. Increase spray volume as crop growth increases to ensure thorough coverage of the foliage and fruit. Check equipment calibration frequently. Complete coverage and uniform application are essential for the most effective results, especially when lower spray volumes are applied.

Aerial application is prohibited in New York State.

### Mixing

Add specified amount of TOLEDO 45WP AGRICULTURAL FUNGICIDE into the spray tank while filling with water to the desired level. Operate the agitator while mixing. If other materials are added to the spray tank, the TOLEDO 45WP AGRICULTURAL FUNGICIDE should be thoroughly dispersed prior to the addition of other materials.

### Ground Application Equipment

The order of mixing is important and should be followed.

1. The spray tank should be filled  $\frac{1}{4}$  to  $\frac{1}{3}$  full of water.
2. While recirculating and with the agitator running, add the required amount of TOLEDO 45WP AGRICULTURAL FUNGICIDE, as determined under "Recommended Applications" into the spray tank as you continue filling the tank. Complete the filling

of the spray tank by adjusting the amount of water to obtain the optimum application rate of TOLEDO 45WP AGRICULTURAL FUNGICIDE (see APPLICATIONS Table). Depending on the water temperature and the degree of agitation, the product should be completely dissolved within a few minutes from the time added to the water. Cooler water temperatures increase the time needed for the TOLEDO 45WP AGRICULTURAL FUNGICIDE to dissolve completely. If an adjuvant is needed, add prior to addition of TOLEDO 45WP AGRICULTURAL FUNGICIDE to the spray tank.

3. The addition of other pesticides should be added before completely filling the tank.
4. As with any pesticide, maintain adequate agitation prior to and during spraying.

### **Aerial Application Equipment**

The mixing process should be made according to the same directions for ground application equipment.

### **Compatibility**

To determine the compatibility of TOLEDO 45WP AGRICULTURAL FUNGICIDE with other products, the following procedure should be followed:

Pour the recommended proportions of the products into a suitable container of water, mix thoroughly and allow to stand at least five (5) minutes. If the combination remains mixed or can be re-mixed readily, the mixture is considered physically compatible. For further information, contact your local Rotam representative.

### **PRECAUTIONS:**

**OBSERVE THE FOLLOWING PRECAUTIONS WHEN SPRAYING IN THE VICINITY OF AQUATIC AREAS SUCH AS LAKES; RESERVOIRS; RIVERS; PERMANENT STREAMS, MARSHES OR NATURAL PONDS; ESTUARIES AND COMMERCIAL FISH FARM PONDS.**

**Spray Drift management:** The interaction of many equipment and weather related factors determines the potential for spray drift. The applicator is responsible for considering all of these factors when making application decisions. Avoiding spray drift is the responsibility of the applicator.

**Buffer Zone Requirements:** For soil or foliar applications, do not apply by ground within 25 feet, or by air within 150 feet of lakes; reservoirs; rivers; permanent streams, marshes or natural ponds; estuaries and commercial fish farm ponds.

**Aerial Applications:** Mount the spray boom on the aircraft so as to minimize drift caused by wing tip vortices. The minimum practical boom length must be used, and must not exceed 75% of the wing span or rotor diameter.

**Importance of Droplet size:** An important factor influencing drift is droplet size. Small Droplet (<150 – 200 microns) drift to a greater extent than larger droplets. Within typical equipment specifications, applications must be made to deliver the largest droplet spectrum that provides sufficient control and coverage. Formation of very small droplets may be minimized by appropriate nozzle selection, by orientating nozzles away from the air stream as much as possible and by avoiding excessive spray boom pressure.

Spray must be released at the lowest possible height consistent with good pest control and flight safety. Applications more than 10 feet above the crop canopy must be avoided.

**Wind Speed Restrictions:** Drift potential increases at wind speeds of less than 3 mph (due to inversion potential) or more than 10 mph. However, many factors, including droplet size, canopy and equipment specifications determine drift potential at any given wind speed. Do not apply when winds are greater than 15 mph and avoid gusty and windless conditions. Risk of Exposure to sensitive aquatic areas can be reduced by avoiding applications when wind direction is toward the aquatic area.

Restrictions during Temperature Inversions: Do not make aerial or ground applications during temperature inversions. Drift potential is high during temperature inversions. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain close to the ground and move laterally in a concentrated cloud. Temperature inversions are characterized by increasing temperature with altitude and are common nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be identified by the movement of smoke from a ground source. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical mixing.

**Airblast (Air Assist) Requirements for Tree Crops and Vineyards:** Airblast sprayers carry droplets into the canopy of trees/vines via a radially or laterally direction air stream. The following specific drift management practices should be followed:

- Adjust deflectors and aiming devices so that spray is only directed in the canopy;
- Block off upward pointed nozzles when there is no overhanging canopy;
- Use only enough air volume to penetrate the canopy and provide good coverage;
- Do not allow the spray to go beyond the edge of the cultivated area (i.e., turn off spray when turning at end rows);

**Runoff Management:** Do not cultivate within 10 feet of the aquatic areas to allow growth of a vegetative filter strip. When used on erodible soils, best management practices for minimizing runoff must be employed. Consult your local Soil conservation Service for common practices in your use area.

**Runoff Management:** Do not cultivate within 10 feet of the aquatic areas to allow growth of a vegetative filter strip. When used on erodible soils, best management practices for minimizing runoff should be employed. Consult your local Soil Conservation Service for recommendations in your use area.

## **ROTATIONAL CROPS**

Any crop not specified on this label may be planted into treated areas 120 days after last application.



## APPLICATIONS

BANANA AND PLANTAIN		
CROP	DISEASE	RATE OF TOLEDO 45WP AGRICULTURAL FUNGICIDE
Banana Plantain	Black Leaf Streak Yellow Sigatoka	3.2 oz/acre
<p><b>General Use Directions</b></p> <p>Apply specified dosage as a foliar spray in a minimum of 20 gallons or more of water per acre to assure thorough coverage of the plants. A spray oil recommended for use on banana or plantain should be utilized at 4.3 pints per acre in tank-mix with TOLEDO 45WP AGRICULTURAL FUNGICIDE. Thoroughly mix TOLEDO 45WP AGRICULTURAL FUNGICIDE in the spray solution prior to the addition of a spray oil. Make the first application before disease becomes established and repeat applications at 14-day intervals if necessary to maintain disease control.</p> <p>Do not apply TOLEDO 45WP AGRICULTURAL FUNGICIDE to non-bagged bananas. A maximum of 16 ounces of TOLEDO 45WP AGRICULTURAL FUNGICIDE may be applied per acre per harvest cycle. TOLEDO 45WP AGRICULTURAL FUNGICIDE may be applied up to the day of harvest.</p> <p><b>Restricted entry Interval (REI): 12 hours</b></p>		



GRAPES		
CROP	DISEASE	RATE OF TOLEDO 45WP AGRICULTURAL FUNGICIDE
Grape	Black Rot Powdery Mildew	4 oz/acre
<p><b>Powdery Mildew</b></p> <p>Apply in a preventive spray schedule. Make the first application of TOLEDO 45WP AGRICULTURAL FUNGICIDE before bloom and continue applications using spray intervals of up to 21 days in low to moderate disease pressure. Use a 14-day schedule when disease pressure is severe.</p> <p><b>Black Rot</b></p> <p><u>Preventive Schedule:</u> Make the first application at 1- to 3-inches of new shoot growth and continue at 7- to 14-day intervals through 5° Brix stage or until veraison (berry coloring) is complete. Apply at 1-inch new shoot growth and at 7- to 10-day intervals on highly susceptible varieties or under severe disease conditions.</p> <p><u>Post-Infection Schedule:</u> A post-infection schedule may be followed from 1-inch new shoot growth through 5° Brix stage. Apply within 72 hours after the beginning of an infection period. TOLEDO 45WP AGRICULTURAL FUNGICIDE applications should not be closer than 7 days apart. Continue TOLEDO 45WP AGRICULTURAL FUNGICIDE applications using the preventive schedule if the post-infection schedule is discontinued.</p> <p><b>Botrytis</b></p> <p>TOLEDO 45WP AGRICULTURAL FUNGICIDE, applied in a powdery mildew spray schedule, will enhance the activity of registered fungicides used for control of Botrytis bunch rot. Applications must be made on a 14-day schedule for suppression of Botrytis.</p> <p><b>GENERAL REMARKS:</b> TOLEDO 45WP AGRICULTURAL FUNGICIDE may be applied up to 14 days before harvest. A maximum of 2 pounds of TOLEDO 45WP AGRICULTURAL FUNGICIDE may be applied per acre per crop season. <b>The minimum interval between applications is 7 days.</b></p> <p>Apply product in sufficient water for thorough coverage of vines and fruit. Increase spray volume as vine growth increases.</p> <p><b>Restricted-entry Interval (REI): 12 hours</b></p> <p><b>RESISTANCE MANAGEMENT STRATEGY:</b> TOLEDO 45WP AGRICULTURAL FUNGICIDE is a sterol demethylation inhibitor (DMI) fungicide. It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy. Do not tank-mix TOLEDO 45WP AGRICULTURAL FUNGICIDE with other DMI fungicides.</p>		

TREE NUT CROPS		
CROP	DISEASE	RATE OF TOLEDO 45WP AGRICULTURAL FUNGICIDE
Almond (see specific use directions) Beechnut Brazil nut Butternut Cashew Chestnut Chinquapin Filbert (see specific use directions) Hickory nut Macadamia nut Pistachios (see specific use directions) Walnut	Brown rot blossom blight Botryosphaeria panicle and shoot blight Eastern filbert blight	8 oz/acre
<p>Begin applications when conditions are favorable for disease but before infection. Apply on a 7 to 14 day spray schedule.</p> <p>A maximum of 32 ounces of product may be applied per acre per crop season. Do not cut cover crops in treated areas for feed, or allow livestock to graze treated areas. TOLEDO 45WP AGRICULTURAL FUNGICIDE may be applied up to 35 days before harvest.</p> <p><b>Restricted-entry Interval (REI) = 12 hours.</b></p> <p><b>RESISTANCE MANAGEMENT STRATEGY:</b> TOLEDO 45WP AGRICULTURAL FUNGICIDE is a sterol demethylation inhibitor (DMI) fungicide. It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy. Do not tank-mix TOLEDO 45WP AGRICULTURAL FUNGICIDE with other DMI fungicides.</p>		

Almond	Brown rot blossom blight	8 oz/acre
<p>Blossom blight: Begin application at pink bud. If the bloom period is extended, and/or severe disease conditions exist, make a second application at full bloom. If conditions remain favorable for disease, make another application at petal fall.</p> <p><b>GENERAL REMARKS:</b> Apply TOLEDO 45WP AGRICULTURAL FUNGICIDE in a minimum spray volume of 15 gallons per acre by air or 50 gallons per acre by ground. Reduce the application interval for varieties that are highly susceptible to the indicated diseases or when severe disease conditions exist. The use of ground application after petal fall is preferred because of difficulty in penetrating the canopy and obtaining thorough coverage of the foliage and fruit by air.</p> <p>A maximum of 32 ounces of product may be applied per acre per crop season. Do not cut cover crops in treated areas for feed, or allow livestock to graze treated areas. TOLEDO 45WP AGRICULTURAL FUNGICIDE may be applied up to 35 days before harvest.</p> <p><b>Restricted-entry Interval (REI) = 12 hours.</b></p> <p><b>RESISTANCE MANAGEMENT STRATEGY:</b> TOLEDO 45WP AGRICULTURAL FUNGICIDE is a sterol demethylation inhibitor (DMI) fungicide. It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy. Do not Tank-mixing TOLEDO 45WP AGRICULTURAL FUNGICIDE with other DMI fungicides.</p>		
Pistachio	Botryosphaeria panicle and shoot blight	8 oz/acre
<p><b>Botryosphaeria:</b> Begin application at 25 to 50% bloom and repeat again 10 to 14 days later to protect young flower clusters and fruit. Make two additional applications of TOLEDO 45WP AGRICULTURAL FUNGICIDE 14 days apart beginning 49 days before harvest.</p> <p><b>GENERAL REMARKS:</b> Apply TOLEDO 45WP AGRICULTURAL FUNGICIDE in a minimum spray volume of 15 gallons per acre by air or 50 gallons per acre by ground. Reduce the application interval for varieties that are highly susceptible to the indicated diseases or when severe disease conditions exist. The use of ground application after petal fall is preferred because of difficulty in penetrating the canopy and obtaining thorough coverage of the foliage and fruit by air.</p> <p>A maximum of 32 ounces of product may be applied per acre per crop season. Do not cut cover crops in treated areas for feed, or allow livestock to graze treated areas. TOLEDO 45WP AGRICULTURAL FUNGICIDE may be applied up to 35 days before harvest.</p> <p>Control of insect vectors and a thorough pruning program to remove plant tissue infected by <i>Botryosphaeria</i> are critical for optimum control of this disease.</p> <p><b>Restricted-entry Interval (REI) = 12 hours.</b></p> <p><b>RESISTANCE MANAGEMENT STRATEGY:</b> TOLEDO 45WP AGRICULTURAL FUNGICIDE is a sterol demethylation inhibitor (DMI) fungicide. It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy. Do not tank-mix TOLEDO 45WP AGRICULTURAL FUNGICIDE with other DMI fungicides.</p>		

Filbert (Hazelnut)	Eastern filbert blight	8 oz/acre
<p>Apply TOLEDO 45WP AGRICULTURAL FUNGICIDE in a preventive spray schedule when conditions are favorable for disease (such as budbreak when the first green tissue is visible). Continue applications of TOLEDO 45WP AGRICULTURAL FUNGICIDE at 7 to 14-day intervals if weather conditions are conducive to disease development. Use shorter spray intervals during budbreak and rapid shoot elongation. The expanding shoot tip must be protected. Reduce the application interval for varieties that are highly susceptible to the indicated disease or when severe disease conditions exist.</p> <p>Apply TOLEDO 45WP AGRICULTURAL FUNGICIDE in sufficient spray volume for thorough coverage. Tank mixing the lowest labeled rate of a spray surfactant with TOLEDO 45WP AGRICULTURAL FUNGICIDE may improve spray coverage and penetration of the active ingredient into plant tissue. The use of ground application is preferred because of the difficulty in penetrating the canopy and obtaining thorough coverage of the foliage and stems by air. A maximum of 32 ounces of TOLEDO 45WP AGRICULTURAL FUNGICIDE may be applied per acre per crop season. Do not cut cover crops in treated areas for feed, or allow livestock to graze treated areas. TOLEDO 45WP AGRICULTURAL FUNGICIDE may be applied up to 35 days before harvest.</p> <p><b>Restricted-entry Interval (REI) = 12 hours.</b></p> <p><b>RESISTANCE MANAGEMENT STRATEGY:</b> TOLEDO 45WP AGRICULTURAL FUNGICIDE is a sterol demethylation inhibitor (DMI) fungicide. It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy. Do not tank-mix TOLEDO 45WP AGRICULTURAL FUNGICIDE with other DMI fungicides.</p>		

POME FRUITS <sup>1</sup>			
CROP	DISEASE	RATE OF TOLEDO 45WP AGRICULTURAL FUNGICIDE	
Apple Crabapple Loquat Mayhaw Pear Pear oriental Quince	Scab Cedar-apple rust Powdery mildew	4 to 8 oz/acre*	2 oz/100 gal**
<p><b>Scab:</b>  <b>Preventative Schedule:</b> Apply at 7 to 10-day intervals from green tip through the second cover spray.</p> <p>Post-Infection Schedule: Apply within 72 hours after the beginning of a scab infection period. TOLEDO 45WP AGRICULTURAL FUNGICIDE applications must not be closer than 7 days apart. Continue TOLEDO 45WP AGRICULTURAL FUNGICIDE applications using the preventative schedule if the post-infection schedule is discontinued.</p> <p><b>Cedar-apple rust:</b> Apply at 7 to 10-day intervals from pink stage through the second cover spray.</p> <p><b>Powdery mildew:</b> Apply at 7 to 10-day intervals from tight cluster through the second cover spray.</p> <p><b>GENERAL REMARKS:</b>  *The amount of TOLEDO 45WP AGRICULTURAL FUNGICIDE required per acre will depend on tree size and volume of foliage present. The rate per acre is based on a standard of 400 gallons of dilute spray solution per acre for large trees. For smaller trees, multiply 2 ounces times the number of 100 gallons of spray solution required to thoroughly wet, to the point of runoff, one acre of the trees being treated.</p> <p>**For concentrate sprays, apply the same amount of product per acre as would be applied in a dilute spray based on tree size and foliage volume.</p> <p>TOLEDO 45WP AGRICULTURAL FUNGICIDE may be applied up to 75 days before harvest. A total of 3 pounds of TOLEDO 45WP AGRICULTURAL FUNGICIDE may be applied per acre per crop season.</p> <p><b>Restricted-entry Interval (REI) = 5 days.</b></p> <p><b>RESISTANCE MANAGEMENT STRATEGY:</b> TOLEDO 45WP AGRICULTURAL FUNGICIDE is a sterol demethylation inhibitor (DMI) fungicide. It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy. Do not tank-mix TOLEDO 45WP AGRICULTURAL FUNGICIDE with other DMI fungicides.</p> <p><sup>1</sup><b>Not for Use in New York.</b></p>			

STONE FRUITS			
CROP	DISEASE	RATE OF TOLEDO 45WP AGRICULTURAL FUNGICIDE	
Apricot Cherry Nectarine Peach Plum Plumcot Prune (fresh)	Brown Rot (blossom blight, fruit rot) Powdery mildew	4 to 8 oz/acre*	2 oz/100 gal**
Plum Plumcot Prune (fresh) Peach	Rust	6 to 8 oz/acre*	

**Blossom Blight**  
Begin application at white bud on cherry or pink bud on peach and nectarine. Apply again at 50% bloom and at petal fall if conditions continue to be favorable for disease development.

**Fruit Rot**  
Begin application at two to three weeks before harvest and continue at 7-day intervals through the day of harvest. The blossom and fruit stages must be protected for optimum control of brown rot. If TOLEDO 45WP AGRICULTURAL FUNGICIDE is applied during only one of these stages, another registered fungicide should be applied to the other stage to provide optimum protection. Additional cover sprays during the early postbloom period are also important for preventing quiescent fruit infections on sweet cherry and peach.

**Leaf Spot**  
Begin application at petal fall or when first leaves unfold and continue applications at 7 to 14-day intervals. Applications should be made at 7-day intervals early in the growing season when terminal growth is rapid and/or under severe disease conditions. A postharvest application may be made to maintain control and reduce overwintering inoculum.

**Powdery Mildew:** Follow leaf spot schedule until terminal growth ceases.

**Rust:** Begin applications after canker emergence and continue applications at 14-day intervals under severe disease conditions.

**GENERAL REMARKS:**  
TOLEDO 45WP AGRICULTURAL FUNGICIDE may be applied up to and including the day of harvest (0-day PHI). Do not apply more than 3 lbs. of product per acre per crop season.

**GENERAL REMARKS (continued):**

\* The amount of TOLEDO 45WP AGRICULTURAL FUNGICIDE required per acre will depend on tree size and volume of foliage present. The rate per acre is based on a standard of 400 gallons of dilute spray solution per acre for large trees. For smaller trees, multiply 2 ounces times the number of 100 gallons of spray solution required to thoroughly wet, to the point of runoff, one acre of the trees being treated. For concentrate sprays, apply the same amount of product per acre as would be applied in a dilute spray based on tree size and foliage volume, but not less than 4 ounces of TOLEDO 45WP AGRICULTURAL FUNGICIDE per acre. Apply 6 to 8 ounces per acre of TOLEDO 45WP AGRICULTURAL FUNGICIDE when severe disease conditions exist.

\*\* When using the 2 oz/100 gal rate, use at least 4 oz of TOLEDO 45WP AGRICULTURAL FUNGICIDE per acre.

**Restricted-entry Interval (REI): 5 days**

**RESISTANCE MANAGEMENT STRATEGY:** TOLEDO 45WP AGRICULTURAL FUNGICIDE is a sterol demethylation inhibitor (DMI) fungicide. It may be applied in tank mix or alternated (every other spray application) with a non-DMI (protectant) fungicide as a resistance management strategy. Do not tank-mix TOLEDO 45WP AGRICULTURAL FUNGICIDE with other DMI fungicides.



## CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of ROTAM AGROCHEMICAL COMPANY LTD. or Seller. To the extent allowed by applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold ROTAM AGROCHEMICAL COMPANY LTD. and Seller harmless for any claims relating to such factors.

ROTAM AGROCHEMICAL COMPANY LTD. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions for use under normal use conditions. This warranty does not extend to the use of the product contrary to label instructions, or under conditions not reasonably foreseeable to or beyond the control of Seller or ROTAM AGROCHEMICAL COMPANY LTD., and to the extent allowed by applicable law, Buyer and User assume the risk of any such use. **ROTAM AGROCHEMICAL COMPANY LTD. MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.**

To the extent allowed by law, ROTAM AGROCHEMICAL COMPANY LTD. or Seller shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT ALLOWED BY LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF ROTAM AGROCHEMICAL COMPANY LTD. AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF ROTAM AGROCHEMICAL COMPANY LTD. OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

ROTAM AGROCHEMICAL COMPANY LTD. and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of sale and limitations of warranty and of liability, which may not be modified except by written agreement signed by a duly authorized representative of ROTAM AGROCHEMICAL COMPANY LTD.

EPA Registered: 01/26/2009  
Amended: 12/15/2011

# Toledo<sup>®</sup> 45WP Agricultural Fungicide

## ACTIVE INGREDIENT:

Tebuconazole*	45.0%
Other Ingredients:	55.0%
<b>Total:</b>	<b>100.0%</b>

\*alpha-[2-(4-chlorophenyl)ethyl]-alpha-(1,1-dimethylethyl)-H-1,2,4-triazole-1-ethanol  
(CASRN: 107534-96-3)

EPA Reg. No. 83100-13

EPA Est. No.: 069821-CHN-005

## KEEP OUT OF REACH OF CHILDREN CAUTION / PRECAUCION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

*See additional Precautionary Statements and Directions for Use inside booklet.*

FIRST AID	
<b>If In Eyes</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>
<b>If Inhaled</b>	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li><li>• Call poison control center or doctor for treatment advice.</li></ul>
<b>If Swallowed</b>	<ul style="list-style-type: none"><li>• Call poison control center or doctor for treatment advice.</li><li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
<b>If On Skin Or Clothing</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>
<b>Note to Physician</b>	
The compound does not cause any definite symptoms that would be diagnostic. No specific antidote. Treat symptomatically.	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. For Medical Emergency Treatment Call your Local Emergency Response Center.	

# PRECAUTIONARY STATEMENTS

## HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if inhaled or if swallowed. Causes moderate eye irritation. Avoid breathing dust or spray mist. Avoid contact with eyes or clothing.

**Personal Protective Equipment (PPE):** Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category A on an EPA Chemical Resistant Category Selection Chart.

**Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

Follow manufacturer's instructions for cleaning/ maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

### User Safety Recommendations

**Users should:**

- Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

## ENVIRONMENTAL HAZARDS

This pesticide is toxic to mammals, fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment wash water or rinsate.

**Ground Water Advisory:** Tebuconazole is known to leach through soil into ground under certain conditions as a result of label use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground-water contamination.

**Surface Water Advisory:** This product may contaminate water through drift of spray in wind. This product has a high potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to

runoff that contains this product. A level, well maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential for contamination of water from rainfall-runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted within 48 hours.

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

**Pesticide Storage:** Store in a tightly closed container in a cool, dry secure place.

**Pesticide Disposal:** Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

**Container Disposal (Nonrefillable container 5 gallons or less):** Do not reuse this container to hold materials other than pesticides or dilute pesticides (rinsate). After emptying and cleaning, it may be allowable to temporarily hold rinsate or other pesticide-related materials in the container. Contact your state regulatory agency to determine allowable practices in your state. Offer for recycling, if available.

**Residue Removal:** Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container  $\frac{1}{4}$  full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

**FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident,  
call CHEMTREC at 1-800-424-9300**

EPA Registered: 01/26/2009

Amended: 12/15/2011

Toledo is a registered trademark of Rotam Group. © 2011

Manufactured For:  
Rotam Agrochemical Co., LTD  
26/F, E-Trade Plaza  
24 Lee Chung Street  
Chai Wan, Hong Kong

Distributed by:  
Rotam North America, Inc.  
4900 Koger Blvd.  
Suite #140  
Greensboro, NC 27407  
1-866-927-6826

Net Contents: [ lbs ]

[SUB LABEL FOR WATER SOLUBLE PACKAGING]

# Toledo<sup>®</sup> 45WP Agricultural Fungicide

## *In Water Soluble Packets*

### ACTIVE INGREDIENT

Tebuconazole*	45.0%
Other Ingredients	<u>55.0%</u>
<b>Total</b>	<b>100.0%</b>

\*alpha-[2-(4-chlorophenyl)ethyl]-alpha-(1,1-dimethylethyl)-H-1,2,4-triazole-1-ethanol  
(CASRN: 107534-96-3)

EPA Reg. No. 83100-13

EPA Est. No.: 069821-CHN-005

## KEEP OUT OF REACH OF CHILDREN

### CAUTION / PRECAUCION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See additional Precautionary Statements and Directions for Use inside booklet.

FIRST AID	
<b>If In Eyes</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>
<b>If Inhaled</b>	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li><li>• Call poison control center or doctor for treatment advice.</li></ul>
<b>If Swallowed</b>	<ul style="list-style-type: none"><li>• Call poison control center or doctor for treatment advice.</li><li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
<b>If On Skin Or Clothing</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>
<b>Note to Physician</b>	
The compound does not cause any definite symptoms that would be diagnostic. No specific antidote. Treat symptomatically.	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. For Medical Emergency Treatment Call your Local Emergency Response Center.	

Manufactured For:  
Rotam Agrochemical Co., LTD  
26/F, E-Trade Plaza  
24 Lee Chung Street  
Chai Wan, Hong Kong

Distributed by:  
Rotam North America, Inc.  
4900 Koger Blvd.  
Suite #140  
Greensboro, NC 27407  
1-866-927-6826

Net Contents: 2 lbs  
(contains 16 / 2 oz  
packets)

# Table of Contents (to be added)

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if inhaled or if swallowed. Causes moderate eye irritation. Avoid breathing dust or spray mist. Avoid contact with eyes or clothing.

**Personal Protective Equipment (PPE):** Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category A on an EPA Chemical Resistant Category Selection Chart.

**Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

Follow manufacturer's instructions for cleaning/ maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

**Engineering Controls Statements:** When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

### User Safety Recommendations

**Users should:**

- Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

## ENVIRONMENTAL HAZARDS

This pesticide is toxic to mammals, fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment wash water or rinsate.

**Ground Water Advisory:** Tebuconazole is known to leach through soil into ground under certain conditions as a result of label use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground-water contamination.

**Surface Water Advisory:** This product may contaminate water through drift of spray in wind. This product has a high potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to runoff that contains this product. A level, well maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential for contamination of water from rainfall-runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted within 48 hours.

## **DIRECTIONS FOR USE**

**It is a violation of federal law to use this product in a manner inconsistent with its labeling.**

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### **AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), restricted-entry interval and notification to workers. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI). The REI for each crop is listed in the Application directions associated with each crop.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks



## STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**Pesticide Storage:** Keep water soluble packets in this container and store in a cool dry place but not below freezing (32°F). Store in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Exposure to moisture or excessive handling of water soluble packets may cause breakage. Store packets in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If container is leaking or material is spilled for any reason or cause, carefully sweep material into a pile. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Dispose of pesticide as directed below. In spill or leak incidents, keep unauthorized people away.

**Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**Container Disposal:** Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. If not recycled, then dispose of empty container in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident,  
call CHEMTREC at 1-800-424-9300.**

## CHEMIGATION

**Do not apply this product through any type of irrigation system.**

### Spray Volume

TOLEDO 45WP AGRICULTURAL FUNGICIDE may be applied in 50 gallons or more of spray solution per acre by ground spray equipment or in 15 gallons or more per acre by aircraft equipment except as noted under "REMARKS" for each crop. Increase spray volume as crop growth increases to ensure thorough coverage of the foliage and fruit. Check equipment calibration frequently. Complete coverage and uniform application are essential for the most effective results, especially when lower spray volumes are applied.

Aerial application is prohibited in New York State.

### Mixing

The enclosed packets are water soluble. Do not allow packets to become wet prior to mixing spray solution. Do not handle with wet hands or wet gloves. Reseal outer bag to protect remaining packets.

### Ground Application Equipment

The order of mixing is important and should be followed.

1. The spray tank should be filled 1/4 to 1/3 full of water.
2. While recirculating and with the agitator running, add the required number of PVA packets, as determined under "Recommended Applications" into the spray tank as you continue filling the tank. One packet contains 2 ounces of wettable powder. Complete the filling of the spray tank by adjusting the amount of water to obtain the optimum application rate of TOLEDO 45WP AGRICULTURAL FUNGICIDE (see APPLICATIONS Table). Depending on the water temperature and the degree of agitation, the packets should be completely dissolved within a few minutes from

the time they are added to the water. Cooler water temperatures increase the time needed for the packet to dissolve completely. If an adjuvant is needed, add prior to addition of PVA packets to the spray tank.

3. The addition of other pesticides should be after the PVA packets are completely dissolved, but prior to completion of filling the tank.
4. As with any pesticide, maintain adequate agitation prior to and during spraying.

### **Aerial Application Equipment**

It is important to pre-mix the PVA packets and water before loading into the aerial spray tank. The mixing process should be made according to the same directions for ground application equipment.

### **Compatibility**

To determine the compatibility of TOLEDO 45WP AGRICULTURAL FUNGICIDE with other products, use the following procedure:

Add one packet of TOLEDO 45WP AGRICULTURAL FUNGICIDE with the additional products to be tested into a suitable amount of water, mix thoroughly until the packaging and contents is dissolved, and allow to stand at least five (5) minutes. If the combination remains mixed or can be re-mixed readily, the mixture is considered physically compatible. For further information, contact your local Rotam representative.

### **PRECAUTIONS:**

- Do not use PVA packets in a tank-mix with products that contain boron or release free chlorine. The resultant reaction of PVA and boron or free chlorine is a plastic which is not soluble in water or solvents such as diesel oils, kerosene, gasoline or alcohol. TOLEDO 45WP AGRICULTURAL FUNGICIDE Water Soluble Packets are compatible with chlorinated water.
- Do not attempt to use the PVA packet directly in diesel oils or summer spray type oils as in ULV or LV uses. PVA packets are water soluble, not oil soluble.

### **OBSERVE THE FOLLOWING PRECAUTIONS WHEN SPRAYING IN THE VICINITY OF AQUATIC AREAS SUCH AS LAKES; RESERVOIRS; RIVERS; PERMANENT STREAMS, MARSHES OR NATURAL PONDS; ESTUARIES AND COMMERCIAL FISH FARM PONDS.**

**Spray Drift management:** The interaction of many equipment and weather related factors determines the potential for spray drift. The applicator is responsible for considering all of these factors when making application decisions. Avoiding spray drift is the responsibility of the applicator.

**Buffer Zone Requirements:** For soil or foliar applications, do not apply by ground within 25 feet, or by air within 150 feet of lakes; reservoirs; rivers; permanent streams, marshes or natural ponds; estuaries and commercial fish farm ponds.

**Aerial Applications:** Mount the spray boom on the aircraft so as to minimize drift caused by wing tip vortices. The minimum practical boom length must be used, and must not exceed 75% of the wing span or rotor diameter.

**Importance of Droplet size:** An important factor influencing drift is droplet size. Small Droplet (<150 – 200 microns) drift to a greater extent than larger droplets. Within typical equipment specifications, applications must be made to deliver the largest droplet spectrum that provides sufficient control and coverage. Formation of very small droplets may be minimized by appropriate nozzle selection, by orientating nozzles away from the air stream as much as possible and by avoiding excessive spray boom pressure.

Spray must be released at the lowest possible height consistent with good pest control and flight safety. Applications more than 10 feet above the crop canopy must be avoided.

**Wind Speed Restrictions:** Drift potential increases at wind speeds of less than 3 mph (due to inversion potential) or more than 10 mph. However, many factors, including droplet size, canopy and equipment specifications determine drift potential at any given wind speed. Do not apply when winds are greater than 15 mph and avoid gusty and windless conditions. Risk of Exposure to sensitive aquatic areas can be reduced by avoiding applications when wind direction is toward the aquatic area.

**Restrictions during Temperature Inversions:** Do not make aerial or ground applications during temperature inversions. Drift potential is high during temperature inversions. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain close to the ground and move laterally in a concentrated cloud. Temperature inversions are characterized by increasing temperature with altitude and are common nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be identified by the movement of smoke from a ground source. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical mixing.

**Airblast (Air Assist) Requirements for Tree Crops and Vineyards:** Airblast sprayers carry droplets into the canopy of trees/vines via a radially or laterally direction air stream. The following specific drift management practices should be followed:

- Adjust deflectors and aiming devices so that spray is only directed in the canopy;
- Block off upward pointed nozzles when there is no overhanging canopy;
- Use only enough air volume to penetrate the canopy and provide good coverage;
- Do not allow the spray to go beyond the edge of the cultivated area (i.e., turn off spray when turning at end rows);

**Runoff Management:** Do not cultivate within 10 feet of the aquatic areas to allow growth of a vegetative filter strip. When used on erodible soils, best management practices for minimizing runoff must be employed. Consult your local Soil conservation Service for common practices in your use area.

**Runoff Management:** Do not cultivate within 10 feet of the aquatic areas to allow growth of a vegetative filter strip. When used on erodible soils, best management practices for minimizing runoff should be employed. Consult your local Soil Conservation Service for recommendations in your use area.

## **ROTATIONAL CROPS**

Any crop not specified on this label may be planted into treated areas 120 days after last application.

## APPLICATIONS

GRAPES		
CROP	DISEASE	RATE OF TOLEDO 45WP AGRICULTURAL FUNGICIDE
Grape	Black Rot Powdery Mildew	4 oz/acre
<p><b>Powdery Mildew</b></p> <p>Apply in a preventive spray schedule. Make the first application of TOLEDO 45WP AGRICULTURAL FUNGICIDE before bloom and continue applications using spray intervals of up to 21 days in low to moderate disease pressure. Use a 14-day schedule when disease pressure is severe.</p> <p><b>Black Rot</b></p> <p><u>Preventive Schedule:</u> Make the first application at 1- to 3-inches of new shoot growth and continue at 7- to 14-day intervals through 5° Brix stage or until veraison (berry coloring) is complete. Apply at 1-inch new shoot growth and at 7- to 10-day intervals on highly susceptible varieties or under severe disease conditions.</p> <p><u>Post-Infection Schedule:</u> A post-infection schedule may be followed from 1-inch new shoot growth through 5° Brix stage. Apply within 72 hours after the beginning of an infection period. TOLEDO 45WP AGRICULTURAL FUNGICIDE applications should not be closer than 7 days apart. Continue TOLEDO 45WP AGRICULTURAL FUNGICIDE applications using the preventive schedule if the post-infection schedule is discontinued.</p> <p><b>Botrytis</b></p> <p>TOLEDO 45WP AGRICULTURAL FUNGICIDE, applied in a powdery mildew spray schedule, will enhance the activity of registered fungicides used for control of Botrytis bunch rot. Applications must be made on a 14-day schedule for suppression of Botrytis.</p> <p><b>GENERAL REMARKS:</b> TOLEDO 45WP AGRICULTURAL FUNGICIDE may be applied up to 14 days before harvest. A maximum of 2 pounds of TOLEDO 45WP AGRICULTURAL FUNGICIDE may be applied per acre per crop season. <b>The minimum interval between applications is 7 days.</b></p> <p>Apply product in sufficient water for thorough coverage of vines and fruit. Increase spray volume as vine growth increases.</p> <p><b>Restricted-entry Interval (REI): 12 hours</b></p> <p><b>RESISTANCE MANAGEMENT STRATEGY:</b> TOLEDO 45WP AGRICULTURAL FUNGICIDE is a sterol demethylation inhibitor (DMI) fungicide. It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy. Do not tank-mix TOLEDO 45WP AGRICULTURAL FUNGICIDE with other DMI fungicides.</p>		

TREE NUT CROPS		
CROP	DISEASE	RATE OF TOLEDO 45WP AGRICULTURAL FUNGICIDE
Almond (see specific use directions) Beechnut Brazil nut Butternut Cashew Chestnut Chinquapin Filbert (see specific use directions) Hickory nut Macadamia nut Pistachios (see specific use directions) Walnut	Brown rot blossom blight Botryosphaeria panicle and shoot blight Eastern filbert blight	8 oz/acre
<p>Begin applications when conditions are favorable for disease but before infection. Apply on a 7 to 14 day spray schedule.</p> <p>A maximum of 32 ounces of product may be applied per acre per crop season. Do not cut cover crops in treated areas for feed, or allow livestock to graze treated areas. TOLEDO 45WP AGRICULTURAL FUNGICIDE may be applied up to 35 days before harvest.</p> <p><b>Restricted-entry Interval (REI) = 12 hours.</b></p> <p><b>RESISTANCE MANAGEMENT STRATEGY:</b> TOLEDO 45WP AGRICULTURAL FUNGICIDE is a sterol demethylation inhibitor (DMI) fungicide. It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy. Do not tank-mix TOLEDO 45WP AGRICULTURAL FUNGICIDE with other DMI fungicides.</p>		

Almond	Brown rot blossom blight	8 oz/acre
<p>Blossom blight: Begin application at pink bud. If the bloom period is extended, and/or severe disease conditions exist, make a second application at full bloom. If conditions remain favorable for disease, make another application at petal fall.</p> <p><b>GENERAL REMARKS:</b> Apply TOLEDO 45WP AGRICULTURAL FUNGICIDE in a minimum spray volume of 15 gallons per acre by air or 50 gallons per acre by ground. Reduce the application interval for varieties that are highly susceptible to the indicated diseases or when severe disease conditions exist. The use of ground application after petal fall is preferred because of difficulty in penetrating the canopy and obtaining thorough coverage of the foliage and fruit by air.</p> <p>A maximum of 32 ounces of product may be applied per acre per crop season. Do not cut cover crops in treated areas for feed, or allow livestock to graze treated areas. TOLEDO 45WP AGRICULTURAL FUNGICIDE may be applied up to 35 days before harvest.</p> <p><b>Restricted-entry Interval (REI) = 12 hours.</b></p> <p><b>RESISTANCE MANAGEMENT STRATEGY:</b> TOLEDO 45WP AGRICULTURAL FUNGICIDE is a sterol demethylation inhibitor (DMI) fungicide. It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy. Do not tank-mix TOLEDO 45WP AGRICULTURAL FUNGICIDE with other DMI fungicides.</p>		
Pistachio	Botryosphaeria panicle and shoot blight	8 oz/acre
<p><b>Botryosphaeria:</b> Begin application at 25 to 50% bloom and repeat again 10 to 14 days later to protect young flower clusters and fruit. Make two additional applications of TOLEDO 45WP AGRICULTURAL FUNGICIDE 14 days apart beginning 49 days before harvest.</p> <p><b>GENERAL REMARKS:</b> Apply TOLEDO 45WP AGRICULTURAL FUNGICIDE in a minimum spray volume of 15 gallons per acre by air or 50 gallons per acre by ground. Reduce the application interval for varieties that are highly susceptible to the indicated diseases or when severe disease conditions exist. The use of ground application after petal fall is preferred because of difficulty in penetrating the canopy and obtaining thorough coverage of the foliage and fruit by air.</p> <p>A maximum of 32 ounces of product may be applied per acre per crop season. Do not cut cover crops in treated areas for feed, or allow livestock to graze treated areas. TOLEDO 45WP AGRICULTURAL FUNGICIDE may be applied up to 35 days before harvest.</p> <p>Control of insect vectors and a thorough pruning program to remove plant tissue infected by <i>Botryosphaeria</i> are critical for optimum control of this disease.</p> <p><b>Restricted-entry Interval (REI) = 12 hours.</b></p> <p><b>RESISTANCE MANAGEMENT STRATEGY:</b> TOLEDO 45WP AGRICULTURAL FUNGICIDE is a sterol demethylation inhibitor (DMI) fungicide. It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy. Do not tank-mix TOLEDO 45WP AGRICULTURAL FUNGICIDE with other DMI fungicides.</p>		



Filbert (Hazelnut)	Eastern filbert blight	8 oz/acre
<p>Apply TOLEDO 45WP AGRICULTURAL FUNGICIDE in a preventive spray schedule when conditions are favorable for disease (such as budbreak when the first green tissue is visible). Continue applications of TOLEDO 45WP AGRICULTURAL FUNGICIDE at 7 to 14-day intervals if weather conditions are conducive to disease development. Use shorter spray intervals during budbreak and rapid shoot elongation. The expanding shoot tip must be protected. Reduce the application interval for varieties that are highly susceptible to the indicated disease or when severe disease conditions exist.</p> <p>Apply TOLEDO 45WP AGRICULTURAL FUNGICIDE in sufficient spray volume for thorough coverage. Tankmixing the lowest labeled rate of a spray surfactant with TOLEDO 45WP AGRICULTURAL FUNGICIDE may improve spray coverage and penetration of the active ingredient into plant tissue. The use of ground application is preferred because of the difficulty in penetrating the canopy and obtaining thorough coverage of the foliage and stems by air. A maximum of 32 ounces of TOLEDO 45WP AGRICULTURAL FUNGICIDE may be applied per acre per crop season. Do not cut cover crops in treated areas for feed, or allow livestock to graze treated areas. TOLEDO 45WP AGRICULTURAL FUNGICIDE may be applied up to 35 days before harvest.</p> <p><b>Restricted-entry Interval (REI) = 12 hours.</b></p> <p><b>RESISTANCE MANAGEMENT STRATEGY:</b> TOLEDO 45WP AGRICULTURAL FUNGICIDE is a sterol demethylation inhibitor (DMI) fungicide. It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy. Do not tank-mix TOLEDO 45WP AGRICULTURAL FUNGICIDE with other DMI fungicides.</p>		



POME FRUITS <sup>1</sup>			
CROP	DISEASE	RATE OF TOLEDO 45WP AGRICULTURAL FUNGICIDE	
Apple Crabapple Loquat Mayhaw Pear Pear oriental Quince	Scab Cedar-apple rust Powdery mildew	4 to 8 oz/acre*	2 oz/100 gal**
<p><b>Scab:</b>  <b>Preventative Schedule:</b> Apply at 7 to 10-day intervals from green tip through the second cover spray.</p> <p>Post-Infection Schedule: Apply within 72 hours after the beginning of a scab infection period. TOLEDO 45WP AGRICULTURAL FUNGICIDE applications must not be closer than 7 days apart. Continue TOLEDO 45WP AGRICULTURAL FUNGICIDE applications using the preventative schedule if the post-infection schedule is discontinued.</p> <p><b>Cedar-apple rust:</b> Apply at 7 to 10-day intervals from pink stage through the second cover spray.</p> <p><b>Powdery mildew:</b> Apply at 7 to 10-day intervals from tight cluster through the second cover spray.</p> <p><b>GENERAL REMARKS:</b>  *The amount of TOLEDO 45WP AGRICULTURAL FUNGICIDE required per acre will depend on tree size and volume of foliage present. The rate per acre is based on a standard of 400 gallons of dilute spray solution per acre for large trees. For smaller trees, multiply 2 ounces times the number of 100 gallons of spray solution required to thoroughly wet, to the point of runoff, one acre of the trees being treated.</p> <p>**For concentrate sprays, apply the same amount of product per acre as would be applied in a dilute spray based on tree size and foliage volume.</p> <p>TOLEDO 45WP AGRICULTURAL FUNGICIDE may be applied up to 75 days before harvest. A total of 3 pounds of TOLEDO 45WP AGRICULTURAL FUNGICIDE may be applied per acre per crop season.</p> <p><b>Restricted-entry Interval (REI) = 5 days.</b></p> <p><b>RESISTANCE MANAGEMENT STRATEGY:</b> TOLEDO 45WP AGRICULTURAL FUNGICIDE is a sterol demethylation inhibitor (DMI) fungicide. It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy. Do not tank-mix TOLEDO 45WP AGRICULTURAL FUNGICIDE with other DMI fungicides.</p> <p><sup>1</sup>Not for Use in New York.</p>			

STONE FRUITS			
CROP	DISEASE	RATE OF TOLEDO 45WP AGRICULTURAL FUNGICIDE	
Apricot Cherry Nectarine Peach Plum Plumcot Prune (fresh)	Brown Rot (blossom blight, fruit rot) Powdery mildew	4 to 8 oz/acre*	2 oz/100 gal**
Plum Plumcot Prune (fresh) Peach	Rust	6 to 8 oz/acre*	

**Blossom Blight**  
Begin application at white bud on cherry or pink bud on peach and nectarine. Apply again at 50% bloom and at petal fall if conditions continue to be favorable for disease development.

**Fruit Rot**  
Begin application at two to three weeks before harvest and continue at 7-day intervals through the day of harvest. The blossom and fruit stages must be protected for optimum control of brown rot. If TOLEDO 45WP AGRICULTURAL FUNGICIDE is applied during only one of these stages, another registered fungicide should be applied to the other stage to provide optimum protection. Additional cover sprays during the early postbloom period are also important for preventing quiescent fruit infections on sweet cherry and peach.

**Leaf Spot**  
Begin application at petal fall or when first leaves unfold and continue applications at 7 to 14-day intervals. Applications should be made at 7-day intervals early in the growing season when terminal growth is rapid and/or under severe disease conditions. A postharvest application may be made to maintain control and reduce overwintering inoculum.

**Powdery Mildew:** Follow leaf spot schedule until terminal growth ceases.

**Rust:** Begin applications after canker emergence and continue applications at 14-day intervals under severe disease conditions.

**GENERAL REMARKS:**  
TOLEDO 45WP AGRICULTURAL FUNGICIDE may be applied up to and including the day of harvest (0-day PHI). Do not apply more than 3 lbs. of product per acre per crop season.

**GENERAL REMARKS (continued):**

\* The amount of TOLEDO 45WP AGRICULTURAL FUNGICIDE required per acre will depend on tree size and volume of foliage present. The rate per acre is based on a standard of 400 gallons of dilute spray solution per acre for large trees. For smaller trees, multiply 2 ounces times the number of 100 gallons of spray solution required to thoroughly wet, to the point of runoff, one acre of the trees being treated. For concentrate sprays, apply the same amount of product per acre as would be applied in a dilute spray based on tree size and foliage volume, but not less than 4 ounces of TOLEDO 45WP AGRICULTURAL FUNGICIDE per acre. Apply 6 to 8 ounces per acre of TOLEDO 45WP AGRICULTURAL FUNGICIDE when severe disease conditions exist.

\*\* When using the 2 oz/100 gal rate, use at least 4 oz of TOLEDO 45WP AGRICULTURAL FUNGICIDE per acre.

**Restricted-entry Interval (REI): 5 days**

**RESISTANCE MANAGEMENT STRATEGY:** TOLEDO 45WP AGRICULTURAL FUNGICIDE is a sterol demethylation inhibitor (DMI) fungicide. It may be applied in tank mix or alternated (every other spray application) with a non-DMI (protectant) fungicide as a resistance management strategy. Do not tank mix TOLEDO 45WP AGRICULTURAL FUNGICIDE with other DMI fungicides.

## CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of ROTAM AGROCHEMICAL COMPANY LTD. or Seller. To the extent allowed by applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold ROTAM AGROCHEMICAL COMPANY LTD. and Seller harmless for any claims relating to such factors.

ROTAM AGROCHEMICAL COMPANY LTD. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions for use under normal use conditions. This warranty does not extend to the use of the product contrary to label instructions, or under conditions not reasonably foreseeable to or beyond the control of Seller or ROTAM AGROCHEMICAL COMPANY LTD., and to the extent allowed by applicable law, Buyer and User assume the risk of any such use. **ROTAM AGROCHEMICAL COMPANY LTD. MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.**

To the extent allowed by law, ROTAM AGROCHEMICAL COMPANY LTD. or Seller shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT ALLOWED BY LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF ROTAM AGROCHEMICAL COMPANY LTD. AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF ROTAM AGROCHEMICAL COMPANY LTD. OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

ROTAM AGROCHEMICAL COMPANY LTD. and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of sale and limitations of warranty and of liability, which may not be modified except by written agreement signed by a duly authorized representative of ROTAM AGROCHEMICAL COMPANY LTD.

EPA Registered: 01/26/2009  
Amended: 12/15/2011

[Back page of booklet/remains on Container]

# Toledo® 45WP Agricultural Fungicide

## *In Water Soluble Packets*

### ACTIVE INGREDIENT:

Tebuconazole*	45.0%
Other Ingredients:	55.0%
<b>Total:</b>	<b>100.0%</b>

\*alpha-[2-(4-chlorophenyl)ethyl]-alpha-(1,1-dimethylethyl)-H-1,2,4-triazole-1-ethanol  
(CASRN: 107534-96-3)

EPA Reg. No. 83100-13

EPA Est. No.: 069821-CHN-005

## KEEP OUT OF REACH OF CHILDREN

### CAUTION / PRECAUCION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

*See additional Precautionary Statements and Directions for Use inside booklet.*

FIRST AID	
<b>If In Eyes</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>
<b>If Inhaled</b>	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li><li>• Call poison control center or doctor for treatment advice.</li></ul>
<b>If Swallowed</b>	<ul style="list-style-type: none"><li>• Call poison control center or doctor for treatment advice.</li><li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
<b>If On Skin Or Clothing</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>
<b>Note to Physician</b>	
The compound does not cause any definite symptoms that would be diagnostic. No specific antidote. Treat symptomatically.	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. For Medical Emergency Treatment Call your Local Emergency Response Center.	

# PRECAUTIONARY STATEMENTS

## HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if inhaled or if swallowed. Causes moderate eye irritation. Avoid breathing dust or spray mist. Avoid contact with eyes or clothing.

**Personal Protective Equipment (PPE):** Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category A on an EPA Chemical Resistant Category Selection Chart.

**Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

Follow manufacturer's instructions for cleaning/ maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

### User Safety Recommendations

**Users should:**

- Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

## AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

## ENVIRONMENTAL HAZARDS

This pesticide is toxic to mammals, fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment wash water or rinsate.

**Ground Water Advisory:** Tebuconazole is known to leach through soil into ground under certain conditions as a result of label use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground-water contamination.

**Surface Water Advisory:** This product may contaminate water through drift of spray in wind. This product has a high potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to

runoff that contains this product. A level, well maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential for contamination of water from rainfall-runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted within 48 hours.

## STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**Pesticide Storage:** Keep water soluble packets in this container and store in a cool dry place but not below freezing (32°F). Store in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Do not store below freezing. Exposure to moisture or excessive handling of water soluble packets may cause breakage. Store packets in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If container is leaking or material is spilled for any reason or cause, carefully sweep material into a pile. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Dispose of pesticide as directed below. In spill or leak incidents, keep unauthorized people away.

**Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**Container Disposal:** Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. If not recycled, then dispose of empty container in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident,  
call CHEMTREC at 1-800-424-9300**

EPA Registered: 01/26/2009

Amended: 12/15/2011

Toledo is a registered trademark of Rotam Group. © 2011

Manufactured For:  
Rotam Agrochemical Co., LTD  
26/F, E-Trade Plaza  
24 Lee Chung Street  
Chai Wan, Hong Kong

Distributed by:  
Rotam North America, Inc.  
4900 Koger Blvd.  
Suite #140  
Greensboro, NC 27407  
1-866-927-6826

Net Contents: 2 lbs  
(contains 16 / 2 oz  
packets)